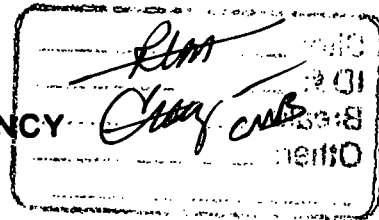




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7  
25 FUNSTON ROAD  
KANSAS CITY, KANSAS 66115



DATE: 9-4-86

MEMORANDUM

SUBJECT: SPRING RIVER BASIN - VERONA, MO.

FROM: Charles P. Hensley *CPH*  
Chief, EP&R/ENSV

TO: Robert L. Morby  
Chief, SPFD/WSTM

RECEIVED

SEP 09 1986

SUPERFUND BRANCH

Attached for your review is:

- Data Transmittal
- Work Plan
- ☒ Trip Report
- Preliminary Assessment
- HRS Form with Supporting Documentation
- Final Report of Site Investigation
- 

If you have any questions or comments, please contact Paul Doherty at 236-3888.

Attachments

cc: - E&E  
- LABO  
- EP&R  
- TOPE  
- RCRA  
- SPFD  
- EMCM  
-



40032258  
SUPERFUND RECORDS

*Q7 for*  
John C. Wicklund  
Director, ENSV



## ecology and environment, inc.

FAIRWAY WEST OFFICE BLDG., 4350 SHAWNEE MISSION PARKWAY, SHAWNEE MISSION, KS 66205, TEL. 913-432-9961

International Specialists in the Environment

TO: Paul Doherty, ARPO  
FROM: Karen Koth, E&E/FIT  
DATE: September 3, 1986  
SUBJECT: Trip Report of Sampling Activities at Spring River Basin  
(Syntex) TDD#R-07-8607-12  
Sample Series: AKJC4

On August 25-26, 1986, sampling was completed at 5 stations along the Spring River, downstream from the Syntex Agribusiness Verona Plant. Ecology & Environment, Inc. Field Investigation Team (E&E/FIT) conducted the sediment sampling while personnel from the Missouri Department of Conservation (MDC) completed the fish sampling. Sediment was collected from Stations 1, 3 and 5 and fish from stations 1-5 as specified in the Verona Fish and Sediment Plan (Syntex). This third year sampling effort was carried out pursuant to the five year plan provided for in the Consent Agreement and Order between Syntex Agribusiness, Inc. and the U.S. Environmental Protection Agency (EPA).

Those persons participating in the sampling effort are as follows:

Ron Crunkleton, MDC  
Bob DiStefano, MDC  
Nancy Kepko, E&E/FIT  
Karen Koth, E&E/FIT  
Bill Durbin, Syntex Representative  
Glen Davis, Syntex Environmental Projects Supervisor

Information on the sediment sampling completed at the three stations is as follows:

### Station 1

Location:

0.3 miles downstream from Syntex (junction of Spring River and "Farm Road") on Spring River

Samples:

Sediment

Date of Collection:

8/26/86, 1345 hours

Collected by:

Koth, N. Kepko

Spring River Basin  
Trip Report  
Page 2

Depth of Collection:  
0 to 6 inches

Method:  
Sediment was transferred to a #10 metal sieve. The sieved sediment was then collected in a disposable aluminum pan where it was blended and mixed prior to transfer to separate laboratory containers.

Assigned Sample Number:  
AKJC4001

Size of Sample Container:  
1 - 16 oz. glass jar with teflon lid (2 - 16 oz. jars of sample were provided for Syntex split).

Station 3

Location:  
6 miles downstream from Syntex on Spring River

Samples:  
Sediment

Time of Collection:  
8/26/86, 0900 hours

Collected by:  
Koth, N. Kepko

Depth of Collection:  
0 to 6 inches

Method:  
Sediment was transferred to a #10 metal sieve. The sieved sediment was then collected in a disposable aluminum pan where it was blended and mixed prior to transfer to separate laboratory containers.

Assigned Sample Number:  
AKJC4002

Size of Sample Container:  
1 - 16 oz. glass jar with teflon lid (2 - 16 oz. jars of sample were provided for Syntex split)

Station 5

Location:

12 miles downstream from Syntex (junction of Spring River and State Highway V) on Spring River

Samples:

Sediment

Time of Collection:

8/25/86, 1400 hours

Collected by:

Koth, N. Kopko

Depth of Collection:

0 - 6 inches

Method:

Sediment was transferred to a #10 metal sieve. The sieved sediment was then collected in a stainless steel pan where it was blended and mixed prior to transfer to separate laboratory containers.

Size of Sample Container:

1 16 oz. glass jar with teflon lid (2 - 16 oz. jars of sample were provided for Syntex split)

Sediment samples were transported to the Region VII Laboratory and chain of custody records were maintained with EPA personnel. Splits of the three sediment samples were turned over to Bill Durbin (Syntex) in the field at about 1530 hours August 26, 1986.

Information concerning the fish sampling activities was not available at the time of this report. MDC personnel will provide a separate written report of their sampling effort.

KK/kl

**CHAIN OF CUSTODY RECORD**  
**ENVIRONMENTAL PROTECTION AGENCY REGION VII**

[illegible]



FIELD SHEET  
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII  
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SPRING RIVER BASIN (SYNTEX) Site Number:  
Location: VERONA MISSOURI Site Code:

Collected: YR: 86 MO: 08 Day: 26 Time: 1345 Leader: KOTH

Sample Number: AKJC4001 SMD #:

Sample Media (circle one):  
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER:

Sample Split\* (circle one): YES NO

Sample Container : Tag Color : Preservative : Analysis Requested :

16oz JARS : BLUE : TCDD  
99

Depth: 0-6" Pan #: Aliquots: 7

Samplers: Nancy Kipko  
Karen Koth

COMMENTS OF FIELD PERSONNEL

Site Description:

Location #1 - .3 miles downstream from Syntex.

\* Note: 2 - 16oz JARS given for split.





FIELD SHEET  
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII  
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SPRING RIVER BASIN (SYNTEX)      Site Number: \_\_\_\_\_  
Location: VERONA MISSOURI      Site Code: \_\_\_\_\_

Collected: YR: 86 MO: 08 Day: 25 Time: 1400 Leader: KOTH

Sample Number: AKJC4003      SMO #: \_\_\_\_\_

Sample Media (circle one):

SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: \_\_\_\_\_

Sample Split\* (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
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2 16oz JARS	BLUE		TCDD
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44			
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Site Description:

Location #5 - 12 miles downstream from Syntex.

\* Note: 2 - 16oz JARS given for split.

Receipt for Environmental Samples

From: Facility Name Syntex Agribusiness  
Address \_\_\_\_\_  
City Verona, MO  
Permit Number \_\_\_\_\_  
Responsible Official and Title Bill Durbin, Syntex Rep.

Laboratory Sample No.	Types of Containers				Description of Samples
	Cubitainer	Glass Jar	DO Bottle	Bio Bottle	
	No. of Containers per Lab No.				
AKJC4001		2 16 OZ JARS			Sediment, Location #1
AKJC4002		2 16 OZ JARS			Sediment, Location #3
AKJC4003		2 16 OZ JARS			Sediment, Location #5

Acknowledgement

The undersigned acknowledge receipts for the above described samples pursuant to:

- ☐ Section 3007(a) of the Resource Conservation and Recovery Act, 42USC6927CAL  
☐ Section 308(a)(b) of the Clean Water Act  
☐ Section 117(a)(2) of the Clean Air Act  
☒ Other (Specify) Consent Agreement and Order between Syntex and the USEPA

Duplicate samples were were not requested by the responsible facility representative.  
Duplicate samples were were not provided to the responsible facility representative.  
or his designated agent.

<u>Signature and Title of Responsible Facility Official</u>	
<u>Bill Durbin</u> Signature	<u>Syntex Rep. 8-26-86</u> Title
<u>Date of Signing</u>	
<u>Name and Title of Person Collecting Samples</u>	
<u>Karen Koth, Activity Leader - USE/ET</u>	
<u>[Signature]</u> Signature of Collector	